

Amendments to the Abstract

Please amend the abstract to read:

A temperature control apparatus (~~100-400~~) is suitable for use in devices such as consumer electronics devices having different thermal characteristics. According to an exemplary embodiment, the temperature control apparatus (~~100-400~~) includes a fan (~~10~~) having a field winding (F3) and a speed controller (~~12~~) for providing a speed control signal to the field winding (F3) responsive to a first control signal to control a rotating speed of the fan (~~10~~). First and second terminals (~~1, 2~~) of the fan (~~10~~) enable operating power to be provided to the field winding (F3) and the speed controller (~~12~~). At least one of the first and second terminals (~~1, 2~~) is operatively coupled to a first voltage source. A third terminal (~~3~~) of the fan (~~10~~) provides the first control signal to the speed controller (~~12~~), and is operatively coupled to a second voltage source. The temperature control apparatus (~~100-400~~) further includes a temperature measuring circuit (~~30~~) operative to measure a temperature and provide a temperature indicating signal indicating the measured temperature, a processor (~~40~~) operative to provide a second control signal responsive to the temperature indicating signal, and control circuitry (~~60~~) operative to provide the first control signal to the third terminal (~~3~~) of the fan (~~10~~) responsive to the second control signal.